



1/2

PTO/SB/21 (02-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/646,533	
	Filing Date	August 22, 2003	
	First Named Inventor	Kenneth COLLINS, et al.	
	Art Unit	2813	
	Examiner Name	David L. Hogans	
Total Number of Pages in This Submission	23	Attorney Docket Number	006915 P02

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert M. Wallace Reg. No. 29,119
Signature	
Date	January 20, 2005

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Typed or printed name	Shelly Hart
Signature	
Date	01-20-2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**CERTIFICATE OF MAILING**

I hereby certify that this paper and every paper referred to therein as being enclosed is deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on January 20, 2005 Date of Deposit

01-20-05 Date

Date

PATENT

Attorney Docket No.: 006915 P02

RW Ref. No.: APM/001-02-CP1-2



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kenneth S. COLLINS, et al.

Serial No.: 10/646,533

Examiner: David L. Hogans

Filed: August 22, 2003

Group Art Unit: 2813

For: PLASMA IMMERSION ION IMPLANTATION APPARATUS USING A  
PLASMA SOURCE HAVING LOW DISSOCIATION AND LOW  
MINIMUM PLASMA VOLTAGE

-----  
**AMENDMENT TRANSMITTAL**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is an Amendment under 37 CFR 1.111 in the above-identified application in response to the Office Action dated December 28, 2004. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	89 minus	89 =	0	x \$50	\$000.00
Independent	3 minus	3 =	0	x \$200	\$000.00
If Multiple Dependent Claims Are Present, Add \$360.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
Total additional fee for this amendment					\$000.00

☒ No additional fee is required.

☐ A check in the amount of \$      is attached.

☒ The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338.

Respectfully submitted,



Robert M. Wallace  
Reg. No. 29,119  
**Customer No. 000044843**  
Attorney for Applicants

Dated: 01/20/2005

Robert M. Wallace  
Patent Attorney  
2112 Eastman Avenue, Suite 102  
Ventura, CA 93003  
(805) 644-4035

CERTIFICATE OF MAILING  
I hereby certify that this paper and every  
paper referred to therein as being enclosed  
is deposited with the U.S. Postal Service  
as first class mail, postage prepaid, in  
an envelope addressed to Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PATENT

Attorney Docket No.: 6915 P02

on January 20, 2005 (Date of Deposit)  
01-20-05 Shelly H.  
Date Name

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :  
Kenneth Collins, et al. :  
 :  
Entitled: PLASMA IMMERSION ION :  
IMPLANTATION APPARATUS USING A : Group Art Unit: 2813  
PLASMA SOURCE HAVING LOW :  
DISSOCIATION AND LOW MINIMUM :  
PLASMA VOLTAGE :  
 : Examiner: David L. Hogans  
Serial No.: 10/646,533 :  
 :  
Filing Date: August 22, 2003 :

**AMENDMENT UNDER 37 CFR 1.111**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated December 28, 2004,  
please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims  
which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 20 of this paper.